

## PATENT ABSTRACTS OF JAPAN

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(71)Applicant : CANON INC

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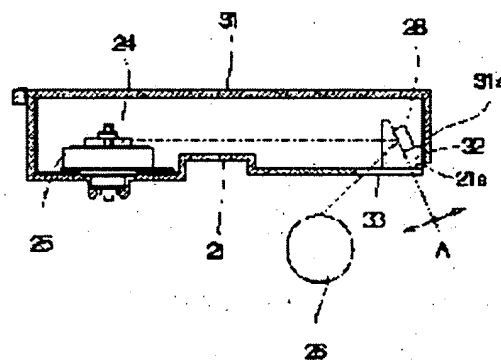
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## (54) DEFLECTING SCANNER

## (57)Abstract:

PROBLEM TO BE SOLVED: To prevent the vibration of an optical box in the vicinity of a reflection mirror.

SOLUTION: A cylindrical lens and a deflector 25 are arranged in the moving direction of laser light from a laser unit attached at the optical box 21. An image formation lens and the reflection mirror 28 are arranged in the moving direction of the laser light from the rotary polygon mirror 24 of the deflector 25, and a rotating drum 26 is arranged in the moving direction of the laser light reflected by the reflection mirror 28. The side wall of the optical box 21 behind the reflection mirror 28 is formed with an aperture 32, and a notch 33 communicated with the aperture 32 is provided at a bottom wall. the reflection mirror 28 is supported at small area parts 21a at both side ends of the notch 33. A perpendicular part 31a covering over at least a part of the aperture 32 is provided at a cover 31.



## LEGAL STATUS

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